

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

1. (Currently Amended) A method, ~~comprising~~ including:
defining a set of commands to be used with a command line interface (CLI), each
command in the set of commands specifying an action to be performed in a
system;
defining a set of system interfaces including objects and methods, wherein each
action specified in the command is associated with an object and an method,
the object and the method performing semantics required by the command;
and
creating a CLI description file for each command in the set of commands to abstract
the CLI from the system, the CLI description file mapping the command to be
used with the CLI with the action and the associated objects and the
associated methods,
wherein the command is to be entered into the system in text mode.
2. (Currently Amended) The method of claim 1, wherein defining the set of
commands ~~comprises~~ includes defining keywords, arguments, input and output
requirements for each command.
3. (Currently Amended) The method of claim 2, wherein defining the keywords and
the arguments for each command ~~comprises~~ includes defining help texts for the
keywords and for the arguments.

4. (Currently Amended) The method of claim 2, wherein defining the input requirements ~~comprises~~ includes defining an argument set for the command, and wherein defining the output requirements ~~comprises~~ includes defining a display format to display a result responsive to executing the command.
5. (Currently Amended) The method of claim 4, wherein the argument set is associated with the action of the command, and wherein the argument set is included in an input string specified with the command, the argument set ~~comprising~~ including zero or more arguments.
6. (Original) The method of claim 5, wherein an argument type is selected for each argument, and wherein each argument type is implemented as a Java class.
7. (Currently Amended) The method of claim 1, wherein defining a set of interfaces including objects and methods ~~comprises~~ includes defining a Java class for the action, the Java class for the action naming the object associated with the action and having methods that can be invoked when performing the action.
8. (Currently Amended) The method of claim 7, further ~~comprising~~ including registering the object with the system such that when the action is performed, the methods are invoked.
9. (Original) The method of claim 1, wherein the CLI description file is created using a generalized markup language.
10. (Original) The method of claim 9, wherein the generalized markup language is Extensible Markup Language (XML).

11. (Currently Amended) The method of claim 10, further ~~comprising~~including:
compiling the CLI description file to generate a run time module.
12. (Currently Amended) A computer readable medium having stored thereon
sequences of instructions which are executable by a digital processing system, and
which, when executed by the digital processing system, cause the system to perform
a method ~~comprising~~including:
defining a set of commands to be used with a command line interface (CLI), each
command in the set of commands specifying an action to be performed in a
system;
defining a set of system interfaces including objects and methods, wherein each
action specified in the command is associated with an object and an method,
the object and the method performing semantics required by the command;
and
creating a CLI description file for each command in the set of commands to abstract
the CLI from the system, the CLI description file mapping the command to be
used with the CLI with the action and the associated objects and the
associated methods,
wherein the command is to be entered into the system in text mode.
13. (Currently Amended) The computer readable medium of claim 12, wherein defining
the set of commands ~~comprises~~includes defining keywords, arguments, and input
and output requirements for each command.
14. (Currently Amended) The computer readable medium of claim 13, wherein
defining the keywords and the arguments for each command ~~comprises~~includes
defining help texts for the keywords and for the arguments.

15. (Currently Amended) The computer readable medium of claim 13, wherein defining the input requirements ~~comprises~~includes defining an argument set for the command, and wherein defining the output requirements ~~comprises~~includes defining a display format to display a result responsive to executing the command.
16. (Currently Amended) The computer readable medium of claim 15, wherein the argument set is associated with the action of the command, and wherein the argument set is included in an input string specified with the command, the argument set ~~comprising~~including zero or more arguments.
17. (Original) The computer readable medium of claim 16, wherein an argument type is selected for each argument, and wherein each argument type is implemented as a Java class.
18. (Currently Amended) The computer readable medium of claim 12, wherein defining a set of interfaces including objects and methods ~~comprises~~includes defining a Java class for the action, the Java class for the action naming the object associated with the action and having methods that can be invoked when performing the action.
19. (Currently Amended) The computer readable medium of claim 18, further ~~comprising~~including registering the object with the system such that when the action is performed, the methods are invoked.
20. (Original) The computer readable medium of claim 12, wherein the CLI description file is created using a generalized markup language.
21. (Original) The computer readable medium of claim 20, wherein the generalized

markup language is Extensible Markup Language (XML).

22. (Currently Amended) The computer readable medium of claim 12, further ~~comprising~~ including:
compiling the CLI description file to generate a run time module.
23. (Currently Amended) A method, ~~comprising~~ including:
defining a set of commands to be used with a command line interface
(CLI);
defining keywords, arguments, input and output requirements for each command,
each command in the set of commands specifying an action to be performed
in a system;
defining a set of interfaces including objects and methods, wherein each action
specified by the command is associated with an object and a method, the
object and the method performing semantics required by the command;
creating a CLI description file for each command in the set of commands to abstract
the CLI from the system, the CLI description file mapping the command to be
used with the CLI with the action and the associated objects and the methods,
wherein the CLI description file is created using Extensible Markup Language
(XML); and
compiling the CLI description file to create a run time module,
wherein the command is to be entered into the system in text mode.
24. (Currently Amended) The method of claim 23, wherein defining the keywords and
the arguments for each command ~~comprises~~ includes defining help texts for the
keywords and for the arguments.

25. (Currently Amended) The method of claim 23, wherein defining the input requirements ~~comprises~~ includes defining an argument set for the command, and wherein defining the output requirements ~~comprises~~ includes defining a display format to display a result responsive to executing the command.
26. (Currently Amended) The method of claim 25, wherein the argument set is associated with the action of the command, and wherein the argument set is included in an input string specified with the command, the argument set ~~comprising~~ including zero or more arguments.
27. (Original) The method of claim 26, wherein an argument type is selected for each argument, and wherein each argument type is implemented as a Java class.
28. (Currently Amended) The method of claim 23, wherein defining a set of interfaces including objects and methods ~~comprises~~ includes defining a Java class for the action, the Java class for the action naming the object associated with the action and having methods that can be invoked when performing the action.
29. (Currently Amended) The method of claim 28, further ~~comprising~~ including registering the object with the system such that when the action is performed, the corresponding methods are invoked.